*Name*_____

*Rural Route or Street No*_____

*City or Town*_____

*State*_____

This circular will be sent regularly to all who apply for it.

United States Department of Agriculture,

WASHINGTON, D. C. *January 31, 1920.*

MONTHLY LIST OF PUBLICATIONS.

[JANUARY, 1920.]

READ CAREFULLY BEFORE ORDERING.

☞**Send no remittances to the U. S. Department of Agriculture.**

A copy of any of the publications listed herein, except those otherwise noted, may be obtained free upon application to the Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts.

After this department's supply is exhausted, publications can still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices noted herein.

☞**Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.**

FARMERS' BULLETINS—FOR FREE DISTRIBUTION.

☞NOTE.—The department's supply of the current numbers of Farmers' Bulletins is ordinarily sufficient to make it possible to send them free to all applicants. They are also for sale at 5 cents per copy unless otherwise noted.

Cattle-Fever Ticks and Methods of Eradication. By W. P. Ellenberger and Robert M. Chapin. Pp. 32, figs. 5. Contribution from the Bureau of Animal Industry. January, 1920. **(Farmers' Bulletin 1057, Revised.)**

Supersedes Bureau of Animal Industry Circular 207, and Farmers' Bulletin 498 and 603.

Harvesting and Storing Ice on the Farm. By John T. Bowen, Dairy Division. Pp. 31, figs. 30. Contribution from the Bureau of Animal Industry. January, 1920. **(Farmers' Bulletin 1078.)**

A revision of Farmers' Bulletin 622.

Dusting Machinery for Cotton Boll Weevil Control. By Elmer Johnson, Agricultural Engineer, Bureau of Public Roads, and B. R. Coad, Entomological Assistant, Bureau of Entomology. Contribution from the Bureau of Entomology. January, 1920. **(Farmers' Bulletin 1098.)**

This bulletin is intended to aid the prospective purchaser of dusting machinery for cotton boll weevil control in selecting a satisfactory model and one adapted to the needs of his particular farming conditions.

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DEPARTMENTAL BULLETINS—TECHNICAL.

☞The publications listed below are technical or scientific treatises or bulletins applying to a special industry or locality. The edition is limited, but they will be furnished free to persons who can use such specialized information, as long as the supply lasts. However, to insure prompt receipt, remit price to the Superintendent of Documents.

A Chemical Study of the Ripening and Pickling of California Olives. By R. W. Hilts, Chief of Western Food and Drug Inspection District, and R. S. Hollingshead, Junior Chemist, San Francisco Station. Pp. 24, pls. 5, figs. 24. Contribution from the Bureau of Chemistry. Jan. 24, 1920. **(Department Bulletin 803.)** Price, 10 cents.

Describes results of an investigation of methods of pickling ripe olives in California.

The Broad-Bean Weevil. By Roy E. Campbell, Scientific Assistant, Truck Crop Insect Investigations. Pp. 23, figs. 6. Contribution from the Bureau of Entomology. (Professional Paper.) Jan. 27, 1920. **(Department Bulletin 807.)** Price, 5 cents.

Describes the life history, habits, and spread of this insect, which is handicapping the growing of broad or horse beans in California.

Street Trees. By F. L. Mulford, Horticulturist, Office of Horticultural and Pomological Investigations. Pp. 58, figs. 37. Contribution from the Bureau of Plant Industry. Jan. 19, 1920. **(Department Bulletin 816.)** Price, 15 cents.

A discussion of the importance of shade trees for city streets, with a description of the kinds suitable and suggestions for culture and care of them.

Soil Disinfection with Hot Water to Control the Root-Knot Nematode and Parasitic Soil Fungi. By L. P. Byars and W. W. Gilbert, Pathologists, Office of Cotton, Truck, and Forage Crop Disease Investigations. Pp. 14, pls. 5. Contribution from the Bureau of Plant Industry. (Professional Paper.) Jan. 5, 1920. **(Department Bulletin 818.)** Price, 5 cents.

Describes a practical method for disinfecting small quantities of soil in which to grow healthy seedlings.

Rural Community Buildings in the United States. By W. C. Nason, Assistant in Rural Organization, and C. W. Thompson, Specialist in Rural Organization. Pp. 36, figs. 17. Contribution from the Bureau of Markets. Jan. 30, 1920. **(Department Bulletin 825.)** Price, 10 cents.

This publication tells the extent of rural club movement, the character of the club houses, the uses to which they are put, and how they are managed and financed.

MISCELLANEOUS.

Care of Baby Chicks. Boys and Girls Poultry Club Work. Pp. 7, figs. 2. Contribution from Animal Husbandry Division, Bureau of Animal Industry. 1920. **(Department Circular 14.)** Price, 5 cents.

How Teachers May Use Farmers' Bulletin 602, Clean Milk: Production and Handling. By Alvin Dille, Specialist in Agricultural Education. Pp. 6. Contribution from the States' Relations Service. January, 1920. **(Department Circular 67.)**

How to Break Eggs for Freezing. Pp. 12. Contribution from the Bureau of Chemistry. January, 1920. **(Department Circular 74.)** Price, 5 cents.

Suggestions for a State Law Providing for the Organization of Farmers' Mutual Fire Insurance Companies. By V. N. Valgren. Pp. 8. Contribution from the Office of Farm Management. January, 1920. **(Department Circular 77.)** Price, 5 cents.

Tropical Fowl Mite in the United States with Notes on Life History and Control. By H. P. Wood, Entomological Assistant, Investigations of Insects Affecting the Health of Man and Animals. Pp. 8, figs. 2. Contribution from the Bureau of Entomology. January, 1920. **(Department Circular 79.)** Price, 5 cents.

Safe Farming in the Southern States in 1920. By Bradford Knapp, Chief, Office of Extension Work in the South. Pp. 19. Contribution from the States Relations Service. January, 1920. **(Department Circular 85.)** Price, 5 cents.

Potato Diseases in Hawaii and Their Control. By C. W. Carpenter, Plant Pathologist. Pp. 42, pls. 15, figs. 7. Jan. 24, 1920. **(Bulletin 45, Hawaii Agricultural Experiment Station.)** Price, 20 cents.

SERIALS.

Experiment Station Record. Vol. 41, No. 6. Abstract Number. Jan. 3, 1920. E. W. Allen, Ph. D., Editor. Pp. 501–600. Price, 15 cents.

Same, Vol. 41, No. 7, November, 1919. Pp. 601–700. Price, 15 cents.

☞NOTE.—The Record is a technical review of the world's scientific literature pertaining to agriculture. It is not intended for general distribution and its free distribution is restricted to persons connected with the agricultural colleges, experiment stations, and similar institutions, and to libraries and exchanges. It can not be sent free to individuals having no official connection with public institutions. The Superintendent of Documents will receive subscriptions for this publication, which is issued in two volumes a year, 10 numbers each, at $1 a volume.

The Monthly Crop Reporter. Vol. 6, No. 1, January, 1920. Pp. 1–8. (Bureau of Crop Estimates.) Price, 25 cents a year.

Contains data relating to agriculture, including estimates of acreage, conditions, yield, prices, and value of crops and live stock.

ANNOUNCEMENT.—Because of the small fund available for printing it has been found necessary to drop from the mailing list of the Monthly Crop Reporter all names of persons who are not actively cooperating with the United States Department of Agriculture. Persons whose names are dropped may subscribe for this publication through the Superintendent of Documents, Washington, D. C., at the domestic rate of 25 cents per year, and 40 cents per year to foreign addresses, payable only by postal money order or cash. No checks accepted.

The Market Reporter. Vol. 1, Nos. 1 to 5, inclusive, January 3, 10, 17, 24, 31, 1920. Pp. 16. (Bureau of Markets.) For free distribution to applicants who show the need for it.

The Market Reporter is the official marketing publication of the United States Department of Agriculture. It contains general, current, and statistical marketing information for important classes of agricultural products, both staple and perishable, which is of general interest and of permanent value alike to producers, dealers, and consumers.

Weekly News Letter, January, 1920.

Contains a weekly summary in popular form of the more important practical discoveries and recommendations of all bureaus of the department. Free list confined to departmental employees, official cooperators, and the press. May be purchased from the Superintendent of Documents, Government Printing Office, for 50 cents a year.

SERVICE AND REGULATORY ANNOUNCEMENTS—FOR SALE ONLY.

☞These contain *only* information, instructions, and notices governing the enforcement of the food and drugs act, meat inspection, 28-hour, and quarantine laws, and the various regulations of the department. Issued monthly by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials, whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by same. Others desiring copies are respectfully referred to the Superintendent of Documents, Government Printing Office, who has them for sale *only,* at prices noted.

Bureau of Chemistry. No. 24. Pp. 107–126. Jan. 9, 1920. Price, 5 cents.

PUBLICATIONS OF THE WEATHER BUREAU.

☞Publications of the Weather Bureau are obtainable only from the Chief of the Weather Bureau or the Superintendent of Documents, Government Printing Office, at the prices noted herein.

Monthly Weather Review. Vol. 47. No. 10. October, 1919. Jan. 10, 1920. Pp. 691–768, figs. 70, charts 17. Price, 25 cents a copy, $2.50 a year. Payable to the Superintendent of Documents.

Special Articles: The evolution of the snow-crystal. By J. C. Shedd.—The snowfall of the United States.—Snow and railway transportation. By A. H. Palmer.—Relation of snowfall to the yield of winter wheat. By C. J. Root.—Taylor's theory of atmospheric turbulence. By E. R. Miller.—The relationship between cirrus movements from easterly points and the occurrence of severe droughts. By Geo. Reeder.—The West India hurricane of September, 1919, in the light of sounding observations. By R. H. Weightman.—Panama thunderstorms. By H. C. Cornthwaite.—Ball lightning at Salina, Kans.—The relation of wind direction to subsequent precipitation in central Ohio. By H. H. Martin.—Kaltenbrunner's statistical method of forecasting.—The flood months in the United States. By A. J. Henry.

National Weather and Crop and Snow and Ice Bulletin. Nos. 1, 2, 3, and 4, January, 1920, reporting weather and crop conditions throughout the United States. Issued weekly. Price, 25 cents a year.

NOTE.—This bulletin is furnished free of charge to public and educational institutions, libraries, newspapers, cooperative observers, weather correspondents, and to those who will post or display it for the general benefit of the public. To all others the price is 25 cents per year, payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

EDWY B. REID,
Chief, Division of Publications.

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